Information, Electronics, and Surveillance (IES) Dept.

MATOC Support Services Preproposal Conference

21 Apr 2004

ONR 31 Vision: Information, Electronics, and Surveillance Dept

NAVAL KNOWLEDGE SUPERIORITY

- **Enable Naval warfighters to achieve maximal situational understanding, to manage uncertainty, and to create optimal mission plans rapidly, robustly, and securely through collaborative, dynamic information and decision-making networks.**

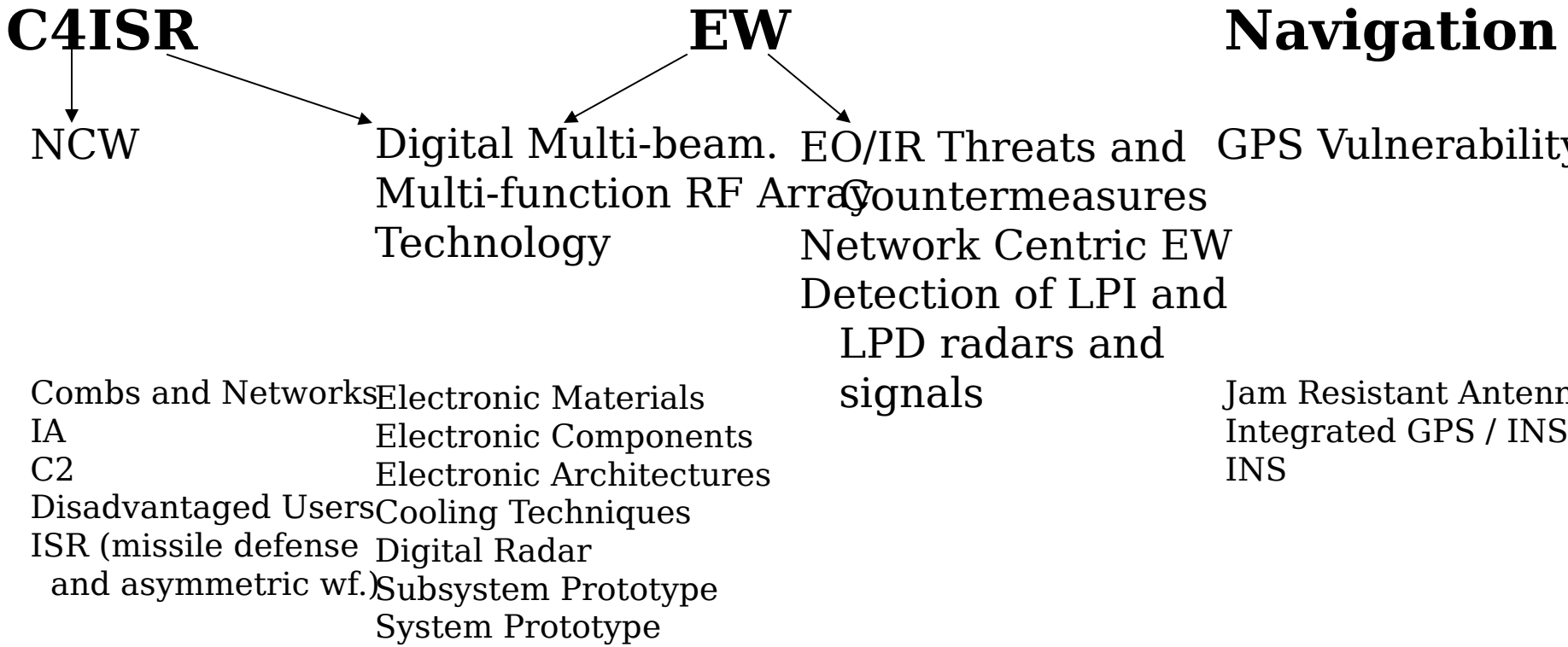
DOMINANCE OF THE ELECTROMAGNETIC SPECTRUM

- **Provide total control of the EM spectrum to enable revolutionary capabilities for signal management and processing, thereby enabling powerful new warfighting technologies such as multistatic radar in low-observable environments, networked electronic warfare, undetectable wide-band wireless communications, and substantially higher data-rate communications channels.**

IES Department Organization

Department Head:
Deputy
Fleet Force Protection FNC
Knowledge, Superiority & Assurance FNC
Mathematic Computer & Information Sciences Division (Code 311)
Electronics Division (Code 312)
Surveillance Communications and Electronic Combat Division (Code 313)

Code 31 Overview



IES Department

C⁴

Dependable, Real-Time, High Assurance
Information Systems

Image Processing, Analysis, & Exploitation
for Target Recognition

Common Operational/Tactical Picture &
Visualization

Decision Support & Collaboration for
Optimal Mission Planning and Execution

Networked Combat System and Operations

Intelligent Software and Robotic Systems

Modeling and Simulation for Design,
Engineering, and Acquisition

Maritime/Military Radio Communications

Dynamic Wireless Networks

ISR

RF Sensors for Surface/Aerospace Surveillance

EO/IR Sensors for Surface/Aerospace Surveillance

Multisensor Fusion for Surface/Aerospace Surveillance

AMRF-C

EW

Electronic Warfare Threat Warn

Electronic Warfare Self Protect

Electronic Warfare Control

AMRF-C

ELECTRONICS

Vacuum Electronics
High Power Solid States Macro Electronics
Nanoelectronics
EO/IR Electronics
RF Solid State Electronics

NAVAL KNOWLEDGE SUPERIORITY

DOMINANCE OF THE ELECTROMAGNETIC SPECT

Both

IES Support Requirements

CLIN 0001: Technical, Programmatic & Engineering

Provide personnel to support IES Program Officers in the identification, formulation, technical and budget justification of technology concepts/ideas from the inception to transition. High level engineering and programmatic support is required for technology assessments, reviewing industrial technology, concepts, programs and identifying trends in investments areas. Documentation support in the form of justification materials (including financial, vu-graphs, white papers) is required. ONR 31 provides the Naval FORCEnet stakeholders with an S&T Roadmap integrated with Naval acquisition programs of record using Milestones.

CLIN 0004: Administrative Support Services

Provide administrative support for approximately 30 on site and off site Program Officers managers. The type of support required includes providing liaison for all matters relating to personnel management, acts as timekeeper, facility/space management support, correspondence, security, conference support, and maintains all corporate files.

Some Specific Examples

Requirements and Transition Coordinator:

- **Coordinates with KSA FNC Spike Leaders and Principal Investigators, Acquisition Program Officers, and OPNAV Requirements Officers for drafting, chopping and approving of Technology Transition Agreements.**
- **Coordinates among requirements, acquisition and PIs for periodic review of TTAs and produces required updates**
- **Ensure R2 Budget documentation is aligned with technology development described in TTAs**
- **Uses Operations Research techniques to evaluate War Game results, MCP/NCP Capability Gap Assessments, and use of other analytical tools to determine future S&T investment areas.**
- **Attends KSA FNC and Acquisition Program Reviews to maintain currency on KSA project development so as to assure adequacy of TTA for Enabling Capability delivery, alignment to acquisition sponsor testing and fielding schedules, and other potential issues that could affect successful transition.**
- **Prepares briefing materials related to transition and present briefings when required.**

Admin Coordinator:

- **Responsible for collecting Monthly Report information from KSA Principal Investigators and collating into Monthly Report for submission to ONR FNC Management Team**
- **Prepares Agenda and Monthly Status and Key Event information for monthly meetings with ONR FNC Management Team.**
- **Maintains KSA FNC Business Plan and produces quarterly updates as required.**
- **Maintains KSA FNC Budget R-2 information and ensures R-2 information is updated and submitted as required.**
- **Responds to Data Calls to KSA FNC by collecting data from KSA data base or staff and collating into desired format for approval by KSA leadership and relese to requestor. Maintains KSA FNC data files and updates Quad Charts as required.**
- **Responsible for Admin tasks involving KSA FNC solicitation documents; white paper receipt, logging, filing and maintenance; and other offeror documents.**
- **Responsible for maintaining KSA Web Site with up to date reference documentation and supporting KSA Staff and White Paper evaluators with necessary support.**
- **Inputs Procurement Requests on KSA projects into INRIS as required.**

Some Specific Examples

- **Organizing of workshops away from headquarters, including arranging housing, corresponding with attendees, collecting abstracts, publishing proceedings, etc.**

- **Hosting ONR Reviews, "gatherings", and technical meetings within commuting distance of ONR, including corresponding with attendees, collecting copies of presentations, tabulating comments and scores from evaluators, etc.**

- **Travel support including preparation of orders, claims, foreign travel clearance memos, hotel reservations, etc.**